

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

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DATA MATRIX

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Applicant's / Registrant's Name & Address <div style="text-align: center;">Argite, LLC 5000 Centregreen Way, Suite 100 Cary, NC 27513</div>	Product ARG221.05	

Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	50289001	Argite, LLC	OWN	
830.1600	Description of Materials Used to Produce the Product	50289001	Argite, LLC	OWN	
830.1620	Description of Production Process				Not required ¹
830.1650	Description of Formulation Process	50289001	Argite, LLC	OWN	
830.1670	Discussion of Formation of Impurities	50289001	Argite, LLC	OWN	
830.1700	Preliminary Analysis				Not required ²
830.1750	Certified Limits	50289001	Argite, LLC	OWN	
830.1800	Enforcement Analytical Method	50315404	Atticus, LLC	PER	
830.6302	Color	50289002	Argite, LLC	OWN	
830.6303	Physical State	50289002	Argite, LLC	OWN	
830.6304	Odor	50289002	Argite, LLC	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions				Not required ³
830.6314	Oxidation/Reduction: Chemical Incompatibility	50289002	Argite, LLC	OWN	
830.6315	Flammability				Not required ⁴

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Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6316	Explosibility				Not required ⁵
830.6317	Storage Stability	50315404	Atticus, LLC	PER	
830.6319	Miscibility				Not required ⁶
830.6320	Corrosion Characteristics	50315404	Atticus, LLC	PER	
830.6321	Dielectric Breakdown Voltage				Not required ⁷
830.7000	pH	50289002	Argite, LLC	OWN	
830.7050	UV/Visible Absorption				Not required ³
830.7100	Viscosity				Not required ⁸
830.7200	Melting Point/Melting Range				Not required ³
830.7220	Boiling Point/Boiling Range				Not required ³
830.7300	Density/Relative Density/Bulk Density	50289002	Argite, LLC	OWN	
830.7370	Dissociation Constants in Water				Not required ³
830.7520	Particle size, fiber length, diameter distribution				Not required ⁹

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Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not required ³
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 830.7550
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method				Not required ³
830.7860	Water Solubility, Generator Column Method				Not required ³
830.7950	Vapor Pressure				Not required ³
870.1100 (81-1)	Acute Oral Toxicity: Rat	45621617	Valent U.S.A. LLC	OLD	
870.1200 (81-2)	Acute Dermal Toxicity: Rat	45621618	Valent U.S.A. LLC	OLD	
870.1300 (81-3)	Acute Inhalation Toxicity: Rat	45621619	Valent U.S.A. LLC	OLD	
870.2400 (81-4)	Primary Eye Irritation: Rabbit	45621620	Valent U.S.A. LLC	OLD	
870.2500 (81-5)	Primary Dermal Irritation	45621621	Valent U.S.A. LLC	OLD	
870.2600 (81-6)	Dermal Sensitization	45621622	Valent U.S.A. LLC	OLD	

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Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
GENERIC DATA REQUIREMENTS					
850.2100	Acute Avian Oral Toxicity	45089908		OLD GAP	See endnote ¹⁰
850.2200	Acute Avian Dietary Toxicity	45089909 45089910		OLD OLD	See endnote ¹¹
850.2400	Wild Mammal Toxicity				Not required
850.2300	Avian Reproductive Toxicity	45621606 45621607			See endnote ¹²
850.2500	Simulated or Actual Field Testing				Not required
850.1075	Freshwater Fish Toxicity	45089913 46059001 46059002	Valent USA Corporation Valent USA Corporation	OLD PER PER	See endnote ¹³
850.1010	Freshwater Invertebrate Toxicity	45089914 45621609		OLD OLD	See endnote ¹⁴
850.1025, 850.1035, 850.1045, 850.1055, 850.1075	Acute Toxicity Estuarine and Marine Organisms	45621608 45621610 45621611 46732201	Valent USA Corporation	OLD OLD OLD PER	See endnote ¹⁵

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Ingredient **Etoazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1300	Aquatic Invertebrate Life Cycle (Freshwater)	46497901	Valent USA Corporation	PER	See endnote ¹⁶
850.1350	Aquatic Invertebrate Life Cycle (Saltwater)	45621612		OLD	See endnote ¹⁷
850.1400	Fish Early Life Stage (Freshwater)	45621614		OLD	See endnote ¹⁸
850.1400	Fish Early Life Stage (Saltwater)				Not required ¹⁹
850.1500	Life Cycle Fish				Not required ²⁰
850.1710, 850.1730, 850.1850	Aquatic Organisms Bioavailability, Biomagnification, Toxicity	45621615 46299907	Valent USA Corporation	OLD PER	See endnote ²¹
850.1950	Simulated or Actual Field Testing for Aquatic Organisms	45621616		OLD	See endnote ²²
850.1735	Whole Sediment: Acute Freshwater Invertebrates	45621707 47837702	Valent USA Corporation	OLD PER	See endnote ²³
850.1740	Whole Sediment: Acute Marine Invertebrates				Not required
N/A	Chronic Freshwater/Estuarine/Marine Sediment Testing	47837701	Valent USA Corporation	PER GAP	See endnote ²⁴
850.3020	Honey Bee Acute Contact Toxicity	45621706		OLD	See endnote ²⁵
850.3030	Honeybee Toxicity of Residues on Foliage			GAP	See endnote ²⁶
850.3040	Field Testing for Pollinators			GAP	See endnote ²⁷
N/A	Acute Oral Toxicity to Adult Honey Bees	45621706		OLD	See endnote ²⁸
N/A	Chronic Oral Toxicity Study to Honey Bees			GAP	See endnote ²⁹
N/A	Acute Oral Toxicity to Honey Bee Larvae			GAP	See endnote ³⁰
N/A	Chronic Oral Toxicity to Larval Honey Bees			GAP	See endnote ³¹

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Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.6100	Delayed Neurotoxicity (Acute) – Hen				Not required
870.6200	Acute Neurotoxicity – Rat	48769402	Valent USA Corporation	PER	See endnote ³²
870.3100	90-Day Oral: Rodent	45089931 45089934 45089935 45089936 45089938		OLD OLD OLD OLD OLD	See endnote ³³
870.3150	90-Day Oral: Non-Rodent	45089932 45089933		OLD OLD	See endnote ³⁴
870.3200	21/28-Day Dermal Toxicity	45089941		OLD	See endnote ³⁵
870.3250	90-Day Dermal Toxicity				Not required
870.3465	90-Day Inhalation Toxicity	50154202	Valent USA LLC	PER	Waiver ³⁶
870.6100	28-Day Delayed Neurotoxicity Hen				Not required
870.6200	90-Day Neurotoxicity	48769403	Valent USA Corporation	PER	See endnote ³⁷
870.4100	Chronic Toxicity (rodent)	45571802		OLD	See endnote ³⁸
870.4200	Carcinogenicity	45571801 45571802		OLD OLD	See endnote ³⁹

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Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3700	Reproduction/Developmental Toxicity Screening Test	45090002 45090003 45090004 45090005		OLD OLD OLD OLD	See endnote ⁴⁰
870.3800	2-Generation Reproduction: Rat	45090006 45090007		OLD OLD	See endnote ⁴¹
870.6300	Developmental Neurotoxicity Study				Not required
870.5100	Bacterial Reverse Mutation Test	45090015 45250905		OLD OLD	See endnote ⁴²
870.5300, 870.5375	<i>In vitro</i> Mammalian Cell Assay	45090013 45250904		OLD OLD	See endnote ⁴³
870.5385, 870.5395, 870.5450, 870.5550	<i>In vivo</i> Cytogenetics and Other Effects	45090010 45090014		OLD OLD	See endnote ⁴⁴
870.7485	Metabolism and Pharmacokinetics	45090016		OLD	See endnote ⁴⁵
870.7200	Companion Animal Safety				Not required
870.7600	Dermal Penetration				Not required
870.7800	Immunotoxicity	48769406	Valent USA Corporation	PER	See endnote ⁴⁶
N/A	Non-Guideline	45089939		OLD	See endnote ⁴⁷

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Ingredient Etoxazole

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.1100	Dermal Exposure – Outdoor		Agricultural Handlers Exposure Task Force	OWN	See endnote ⁴⁸
875.1200	Dermal Exposure – Indoor				Not required
875.1300	Inhalation Exposure – Outdoor		Agricultural Handlers Exposure Task Force	OWN	See endnote ⁴⁸
875.1400	Inhalation Exposure - Indoor				Not required
875.1500	Biological Monitoring		Agricultural Handlers Exposure Task Force	OWN	See endnote ⁴⁸
875.1600	Data Reporting and Calculations		Agricultural Handlers Exposure Task Force	OWN	See endnote ⁴⁸
875.1700	Product Use Information		Agricultural Handlers Exposure Task Force	OWN	See endnote ⁴⁸
875.2100	Dislodgeable Foliar Residue and Turf Transferable Residues				Not required ⁴⁹
875.2200	Soil Residue Dissipation		Outdoor Residential Exposure Task Force Agricultural Re-Entry Task Force	OWN OWN	See endnote ⁵⁰
875.2300	Indoor Surface Residue Dissipation				Not required

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Ingredient Etoxazole

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2400	Dermal Exposure		Outdoor Residential Exposure Task Force Agricultural Re-Entry Task Force	OWN OWN	See endnote ⁵⁰
875.2500	Inhalation Exposure		Outdoor Residential Exposure Task Force Agricultural Re-Entry Task Force	OWN OWN	See endnote ⁵⁰
875.2600	Biological Monitoring		Outdoor Residential Exposure Task Force Agricultural Re-Entry Task Force	OWN OWN	See endnote ⁵⁰
875.2700	Product Use Information		Outdoor Residential Exposure Task Force Agricultural Re-Entry Task Force	OWN OWN	See endnote ⁵⁰
875.2800	Descriptions of Human Activity		Outdoor Residential Exposure Task Force Agricultural Re-Entry Task Force	OWN OWN	See endnote ⁵⁰
875.2900	Data Reporting and Calculations		Outdoor Residential Exposure Task Force Agricultural Re-Entry Task Force	OWN OWN	See endnote ⁵⁰
875.3000	Nondietary Ingestion Exposure		Outdoor Residential Exposure Task Force Agricultural Re-Entry Task Force	OWN OWN	See endnote ⁵⁰

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Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
201-1	Droplet Size Spectrum		Spray Drift Task Force	OWN	See endnote ⁵¹
202-1	Droplet Size Spectrum		Spray Drift Task Force	OWN	See endnote ⁵¹
850.4100	Tier 1: Seedling Emergence	45621623		OLD GAP	See endnote ⁵²
850.4150	Tier 1: Vegetative Vigor	45621701		OLD GAP	See endnote ⁵³
850.4400, 850.4500	Tier 1: Aquatic Plant Growth	45621702 45621703 45621704 48578301 48578303 48603001	Valent USA Corporation Valent USA Corporation Valent USA Corporation	OLD OLD OLD PER PER PER GAP	See endnote ⁵⁴
850.4100	Tier 2: Seedling Emergence	45621623		OLD GAP	See endnote ⁵⁵
850.4150	Tier 2: Vegetative Vigor	45621701		OLD GAP	See endnote ⁵⁶

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.4400, 850.4500	Tier 2: Aquatic Plant Growth	45621702 45621703 45621704 48578301 48578303 48603001	Valent USA Corporation Valent USA Corporation Valent USA Corporation	OLD OLD OLD PER PER PER GAP	See endnote ⁵⁷
850.4300	Terrestrial Field				Not required
850.4450	Aquatic Field				Not required
850.4025	Target Area Phytotoxicity				Not required
835.2120	Hydrolysis	45090017		OLD	See endnote ⁵⁸
835.2240	Photodegradation in Water	46658101	Valent USA Corporation	PER	See endnote ⁵⁹
835.2410	Photodegradation in Soil	45090020 46299904	Valent USA Corporation	OLD PER	See endnote ⁶⁰
835.2370	Photodegradation in Air				Not required
835.4100	Aerobic Soil Metabolism	45090019 45090021 45090022		OLD OLD OLD	See endnote ⁶¹
835.4200	Anaerobic Soil Metabolism	45090023		OLD	See endnote ⁶²

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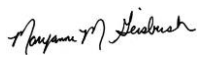
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835.4300	Aerobic Aquatic Metabolism	49958101	Valent USA LLC	PER	See endnote ⁶³
835.4400	Anaerobic Aquatic Metabolism	45621718		OLD GAP	See endnote ⁶⁴
835.1230, 835.1240	Leaching/Adsorption/Desorption	45090024 45090025 45090026 45250906 45250907 45250908 46299905 46299906	Valent USA Corporation Valent USA Corporation	OLD OLD OLD OLD OLD OLD PER PER	See endnote ⁶⁵
835.1410	Volatility – Laboratory				Not required ⁶⁶
835.8100	Volatility – Field				Not required
835.6100	Soil Field Dissipation Study	45250909 45621721 45621722 45621723		OLD OLD OLD OLD	See endnote ⁶⁷
835.6200	Aquatic Sediment Field Dissipation Study				Not required ⁶⁸
835.6300	Forest Field Dissipation Study				Not required
835.6400	Combination and Tank Mixes				Not required

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.7100	Ground Water Monitoring				Not required
850.6100	Environmental Chemistry Methods	45621719 45621720 45621721		OLD OLD OLD	See endnote ⁶⁹
860.1300	Nature of the Residue: Plants	45621807 45621808 45621809 45621810 46299908 46299909	Valent USA Corporation Valent USA Corporation	OLD OLD OLD OLD PER PER	
860.1300	Nature of the Residue: Livestock	45621811 45621812		OLD OLD	
860.1850	Confined Rotational Crops	45621724 48134302	Valent USA Corporation	OLD PER	Waiver

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DATA MATRIX

Date November 12, 2019	EPA Reg. No./File Symbol 87373-19	Page 14 of 20
Applicant's / Registrant's Name & Address <div style="text-align: center;">Argite, LLC 5000 Centregreen Way, Suite 100 Cary, NC 27513</div>	Product ARG221.05	

Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340	Residue Analytical Methods	45621725 45621801 45621802 45621813 45621814 45621815 45621816 45621817 49596801	Valent USA Corporation	OLD OLD OLD OLD OLD OLD OLD OLD PER	See 850.1500
860.1360	Multiresidue Method	45621825		OLD	
860.1380	Storage Stability	45621806 45621818		OLD OLD	
860.1500	Magnitude of the Residue in Plants: corn (field, pop, seed)	48226202	Valent USA Corporation	PER	
860.1500	Magnitude of the Residue in Plants: cotton	45621823		OLD	
860.1500	Magnitude of the Residue in Plants: hops	47003603	IR-4	PL	
860.1500	Magnitude of the Residue in Plants: mint	47406205	IR-4	PL	
860.1500	Magnitude of the Residue in Plants: soybean	49596802	Valent USA Corporation	PER	
860.1500	Magnitude of the Residue in Plants: tomato (indoor only)	47406204	IR-4	PL	
860.1500	Magnitude of the Residue in Plants: pepper/eggplant, subgroup 8-10B	47945802	IR-4	PL	

Signature 	Name and Title Maryanne Geisbush, Regulatory Consultant	Date November 12, 2019
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DATA MATRIX

Date November 12, 2019	EPA Reg. No./File Symbol 87373-19	Page 15 of 20
Applicant's / Registrant's Name & Address Argite, LLC 5000 Centregreen Way, Suite 100 Cary, NC 27513	Product ARG221.05	

Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: cucurbits, crop group 9	47003602 47406203 47945801	IR-4 IR-4 IR-4	PL PL PL	
860.1500	Magnitude of the Residue in Plants: pome fruit, crop group 11	45621804 45621805		OLD OLD	
860.1500	Magnitude of the Residue in Plants: stone fruit, crop group 12	47003601 47406201 47406202 48363001	IR-4 IR-4 IR-4 Valent USA Corporation	PL PL PL PER	
860.1500	Magnitude of the Residue in Plants: caneberry, subgroup 13-07A	47945804	IR-4	PL	
860.1500	Magnitude of the Residue in Plants: small fruit vine climbing subgroup (except fuzzy kiwifruit), subgroup 13-07F	46018506	Valent USA Corporation	PER	
860.1500	Magnitude of the Residue in Plants: berry, low growing, subgroup 13-07G	45621824		OLD	
860.1500	Magnitude of the Residue in Plants: tree nut, crop group 14	45621805 46018505	Valent USA Corporation	OLD PER	
860.1500	Magnitude of the Residue in Plants: tropical and subtropical fruits	47003602	IR-4	PL	
860.1520	Magnitude of the Residue in Processed Food or Feed: corn	48226202	Valent USA Corporation	PER	

Signature 	Name and Title Maryanne Geisbush, Regulatory Consultant	Date November 12, 2019
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DATA MATRIX

Date November 12, 2019	EPA Reg. No./File Symbol 87373-19	Page 16 of 20
Applicant's / Registrant's Name & Address Argite, LLC 5000 Centregreen Way, Suite 100 Cary, NC 27513	Product ARG221.05	

Ingredient **Etoxazole**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residue in Processed Food or Feed: cotton	45621823		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: mint	47406205	IR-4	PL	
860.1520	Magnitude of the Residue in Processed Food or Feed: soybean	49596802	Valent USA Corporation	PER	
860.1520	Magnitude of the Residue in Processed Food or Feed: tomato	47406204	IR-4	PL	
860.1520	Magnitude of the Residue in Processed Food or Feed: pome fruit	45621804		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: stone fruit	48363001	Valent USA Corporation	PER	
860.1520	Magnitude of the Residue in Processed Food or Feed: grapes	46018506 47094201	Valent USA Corporation Valent USA Corporation	PER PER	
860.1480	Magnitude of the Residue in Meat, Milk, Poultry, and Eggs	45621803 48226201	Valent USA Corporation	OLD PER	
860.1400	Nature and Magnitude of the Residue in Potable Water				Not required
860.1400	Magnitude of the Residue in Fish				Not required
860.1400	Magnitude of the Residue in Plants Resulting from the Use of Irrigation Water				Not required
860.1460	Magnitude of the Residue in Food Handling Establishments				Not required
860.1900	Field Rotational Crops				Not required

Signature 	Name and Title Maryanne Geisbush, Regulatory Consultant	Date November 12, 2019
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Endnotes for Data Matrix for ARG221.05

- ¹ **830.1620** - Per OPPTS 830.1000, these data are not required for the registration of an end-use product. See 830.1650 for formulation process information.
- ² **830.1700** – This product does not consist solely of the technical grade active ingredient (TGAi) and is not produced by an integrated system, therefore, per OPPTS 830.1700, these data are not required.
- ³ **830.6313, 830.7050, 830.7200, 830.7220, 830.7370, 830.7550, 830.7560, 830.7570, 830.7840, 830.7860 and 830.7950** – Per OPPTS 830.1000, these data are not required for the registration of an end-use product.
- ⁴ **830.6315** – ARG221.05 is a solid and contains no flammable ingredients, therefore these data are not required.
- ⁵ **830.6316** – This product does not have explosive characteristics; therefore these data are not required. Please refer to the Confidential Statement of Formula for additional information on the composition of ARG221.05.
- ⁶ **830.6319** – ARG221.05 is a solid and not an emulsifiable concentrate. In addition, the proposed labeling recommends dilution with water, not oil; therefore, these data are not required.
- ⁷ **830.6321** – This product is not proposed for use around electrical equipment. Therefore, these data are not applicable nor are these data required.
- ⁸ **830.7100** – These data are only required for liquids. ARG221.05 is a solid and therefore these data are not applicable.
- ⁹ **830.7520** - These data are not required for ARG221.05 because it is not water insoluble and is not a fibrous material.
- ¹⁰ **850.2100** – The study cited is acceptable and satisfies the data requirement as per the July 1, 2014 Registration Review – Preliminary Problem Formulation for the Ecological Risk Assessment and Drinking Water Exposure Assessment to be Conducted for Etoxazole (DP Barcode D418231) (Problem Formulation). However, the Problem Formulation also required the submission of a passerine study, that does not yet appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ¹¹ **850.2200** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation.
- ¹² **850.2300** – The studies cited are acceptable or supplemental, but satisfy the data requirement as per the Problem Formulation.
- ¹³ **850.1075** – MRID 46059001 is acceptable and satisfies the data requirement as per the Problem Formulation; MRID 45089913 is supplemental, but satisfies the data requirement as per the Problem Formulation. Unacceptable data were not cited. However, based on a review of the data, bluegill data also needed to be cited and appears to have been inadvertently omitted from the Problem Formulation and is cited here.
- ¹⁴ **850.1010** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation. The Problem Formulation also listed MRID 46059001, which is a rainbow trout study, not a daphnia study, and is cited under 850.1075. Supplemental degradate data are also cited.
- ¹⁵ **850.1025, 850.1035, 850.1045, 850.1055, 850.1075** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation.
- ¹⁶ **850.1300** – The study cited is supplemental, but satisfies the data requirement as per the Problem Formulation. Unacceptable data were not cited.
- ¹⁷ **850.1350** – The study cited is supplemental, but satisfies the data requirement as per the Problem Formulation. Unacceptable data were not cited.

Endnotes for Data Matrix for ARG221.05

- ¹⁸ **850.1400** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation.
- ¹⁹ **850.1400** – These data were not required to be submitted as per the Problem Formulation.
- ²⁰ **850.1500** – These data were not required to be submitted as per the Problem Formulation.
- ²¹ **850.1710, 850.1730, 850.1850** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation. Note: MRID number 45621615 and 46299907 appear to have been incorrectly identified in the Problem Formulation, the correct MRID numbers are cited.
- ²² **850.1950** – The study cited is supplemental, but satisfies the data requirement as per the Problem Formulation. Unacceptable data were not cited.
- ²³ **850.1735** – The studies cited are supplemental, but satisfy the data requirement as per the Problem Formulation.
- ²⁴ **N/A** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation. However, the Problem Formulation also required the submission of additional chronic freshwater sediment data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ²⁵ **850.3020** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation. Nonguideline beneficial insect data were not cited.
- ²⁶ **850.3030** – The Problem Formulation required the submission of additional pollinator data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ²⁷ **850.3040** – The Problem Formulation required the submission of additional pollinator data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ²⁸ **N/A** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation.
- ²⁹ **N/A** – The Problem Formulation required the submission of additional pollinator data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ³⁰ **N/A** – The Problem Formulation required the submission of additional pollinator data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ³¹ **N/A** – The Problem Formulation required the submission of additional pollinator data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ³² **870.6200** – The study cited is "in review" as per the Scoping Document.
- ³³ **870.3100** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document.
- ³⁴ **870.3150** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document.
- ³⁵ **870.3200** – The study cited is acceptable and satisfies the data requirement as per the Scoping Document.
- ³⁶ **870.3465** – Valent USA LLC appears to be seeking a waiver for the submission of these data; the waiver request is cited.
- ³⁷ **870.6200** – The study cited is "in review" as per the Scoping Document.

Endnotes for Data Matrix for ARG221.05

- ³⁸ **870.4100** – The study cited is acceptable and satisfies the data requirement as per the Scoping Document. Unacceptable data are not cited. In addition, chronic dog data are not cited as these data are no longer required per the revisions to 40 CFR Part 158 in 2007.
- ³⁹ **870.4200** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document. Unacceptable data are not cited.
- ⁴⁰ **870.3700** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document.
- ⁴¹ **870.3800** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document.
- ⁴² **870.5100** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document.
- ⁴³ **870.5300, 830.5375** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document.
- ⁴⁴ **870.5385, 870.5395, 870.5450, 870.5550** – The studies cited are acceptable and satisfy the data requirement as per the Scoping Document.
- ⁴⁵ **870.7485** – The study cited is acceptable and satisfies the data requirement as per the Scoping Document.
- ⁴⁶ **870.7800** – The study cited is “in review” as per the Scoping Document.
- ⁴⁷ **N/A** – The study cited is acceptable as per the Scoping Document.
- ⁴⁸ **875.1100, 875.1300, 875.1500, 875.1600, 875.1700**: Argite, LLC is a member in good standing with the Agricultural Handler Exposure Task Force.
- ⁴⁹ **875.2100** – As per the Sept. 23, 2011 Etoxazole Human Health Risk Assessment for Proposed Uses in/on Field Corn and Pop Corn (DP Barcode D385425) (2011 Human Health RA), no dermal endpoint has been identified, no data have been submitted, nor are data required for this data requirement.
- ⁵⁰ **875.2200, 875.2400, 875.2500, 875.2600, 875.2700, 875.2800, 875.2900, 875.3000**: Argite, LLC is a member in good standing with the Outdoor Residential Exposure Task Force and Agricultural Re-Entry Task Force.
- ⁵¹ **201-1, 202-1**: Argite, LLC is a member in good standing with the Spray Drift Task Force.
- ⁵² **850.4100** – The study cited was acceptable and satisfies the data requirement as per the Problem Formulation. However, the Problem Formulation required the submission of additional seedling emergence data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite’s registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ⁵³ **850.4150** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation. However, the Problem Formulation required the submission of additional vegetative data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite’s registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ⁵⁴ **850.4400, 850.4500** – The studies cited are acceptable or supplemental and partially satisfy the data requirement as per the Problem Formulation. However, the Problem Formulation required the submission of additional, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite’s registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data. Supplemental data on degradates of etoxazole were also cited.

Endnotes for Data Matrix for ARG221.05

- ⁵⁵ **850.4100** – The study cited are acceptable and satisfies the data requirement as per the Problem Formulation. However, the Problem Formulation required the submission of additional seedling emergence data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ⁵⁶ **850.4150** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation. However, the Problem Formulation required the submission of additional vegetative data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.
- ⁵⁷ **850.4400, 850.4500** – The studies cited are acceptable or supplemental and partially satisfy the data requirement as per the Problem Formulation. However, the Problem Formulation required the submission of additional, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data. Supplemental data on degradates of etoxazole were also cited.
- ⁵⁸ **835.2120** – The study cited is supplemental, but satisfies the data requirement as per the Problem Formulation.
- ⁵⁹ **835.2240** – The study cited is acceptable and satisfies the data requirement as per the Problem Formulation. Unacceptable data weren't cited.
- ⁶⁰ **835.2410** – The studies cited are acceptable and satisfy the data requirement as per the Problem Formulation.
- ⁶¹ **835.4100** – The studies cited are acceptable or supplemental but satisfy the data requirement as per the Problem Formulation.
- ⁶² **835.4200** – The study cited is supplemental, but satisfies the data requirement as per the Problem Formulation.
- ⁶³ **835.4300** – The study cited appears to have been submitted in response to the data gap identified in the Problem Formulation.
- ⁶⁴ **835.4400** – The study cited is supplemental and partially satisfies the data requirement as per the Problem Formulation. However, the Problem Formulation required the submission of additional data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data. Supplemental data on degradates of etoxazole were also cited.
- ⁶⁵ **835.1230, 835.1240** – The studies cited are supplemental but satisfy the data requirement as per the Problem Formulation. Supplemental metabolite data are also cited.
- ⁶⁶ **835.1410** – These data were not required to be submitted as per the Problem Formulation.
- ⁶⁷ **835.6100** – The studies cited are acceptable or supplemental but satisfy the data requirement as per the Problem Formulation.
- ⁶⁸ **835.6200** – These data were not required to be submitted as per the Problem Formulation.
- ⁶⁹ **850.6100** – The studies cited are in review, but the Problem Formulation required the submission of additional data, that do not appear to have been submitted. It also does not appear that the DCI has been issued. After Argite's registration is approved and the DCI is issued, Argite will make an offer to jointly develop these data.